

Monday, August 29, 2016 2:57:45 PM

150668

Item ID: D5238-041

Accept

N900040100

Setup Start *NS1*

Stop *NS2*

Item Name: Maintenance Step Assembly

Start Date: 8/25/2016 **Start Qty:** 2.00

?

Cust Item ID:

Required Date: 8/29/2016 **Req'd Qty:** 2.00

?

Customer:

Reference:

Approvals:

Process Plan:

Date:

~~AUG 30 2016~~

§ Tooling:

Date:

Run Start *NR1*

QC:

Date:

SPC (Y/N):

Date:

Stop *NR2*

[illegible]

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coor. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coor. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																																
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Page 2

NR2

[illegible]

MF
16-12-03

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Picklist Print

Monday, August 29, 2016 2:57:44 PM

Page 1

Work Order ID: 150668

150668

Parent Item: D5238-041

D5238-041

Parent Item Name: Maintenance Step Assembly

Start Date: 8/25/2016

Required Date: 8/29/2016

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP REV:A 15.05.21 NEW ISSUE DD VERF:JLM IPP REV:B
15.09.23 DWG REV.A DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
MS17984-C410 *MS17984-C410* QUICK PIN REPLACEMENT		Purchased	No				Each	5.0000		4			
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST315				5					
					149712			4					
					m128051			1					
D2690-6 *D2690-6* Lanyard		Manufactured	No				Each	27.0000		4			
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST009				27					
					144944			1					
					147589			20					
					148328			6					
D4092-1 *D4092-1* Maintenance Step		Manufactured	No				Each	17.0000		4			
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST450				17					
					141433			1					
					144611			16					

DAS
6
9-89

DEC 12 2016

132572X
1505823
152625X3
15394/X1

DAS
6
9-89

DEC 12 2016

DAS
6
9-89

DEC 12 2016

DQA: _____ Date: _____



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Page 2

Work Order ID: 150668

150668

Parent Item: D5238-041

D5238-041

Parent Item Name: Maintenance Step Assembly

Start Date: 8/25/2016

Required Date: 8/29/2016

Start Qty: 2.00

Required Qty: 2.00

D4093-5

Manufactured No

Each

10.0000

4

D4093-5

Bracket

**

137605

DEC 12 2016 6 9-89 DAS

Location

Loc Qty

Loc Code

ST078

10

141426

2

142819

8

D5237-5

Manufactured No

Each

15.0000

2

D5237-5

Bracket

**

DEC 12 2016 6 9-89 DAS

Location

Loc Qty

Loc Code

ST451

15

140592

15

2

D5237-7

Manufactured No

Each

15.0000

2

D5237-7

Bracket

**

DEC 12 2016 6 9-89 DAS

Location

Loc Qty

Loc Code

ST451

15

140591

15

2

MS21042L3

Purchased No

Each

1,509.000

24

MS21042L3

Nut

**

DEC 12 2016 6 9-89 DAS

Location

Loc Qty

Loc Code

FP001

14

m133790

14

GA

323

m134360

112

m135135

211

ST303

1172

m135135

572

m135407

600

135945

Monday, August 29, 2016 2:57:44 PM

Shop Packet Print

Page 2

DQA: _____ Date: _____



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Description Work Order Deviation		Disposition			
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Parent Item Name: Maintenance Step Assembly

Start Date: 8/25/2016

Required Date: 8/29/2016

Start Qty: 2.00

Required Qty: 2.00

MS24694-S54

Purchased

No

Each

90.0000

4

MS24694-S54

SCREW

**

135948

9-89 DAS

DEC 12 2016

Location

Loc Qty

Loc Code

over006

50

m134851

50

ST284

40

m135274

40

MS24694-S55

Purchased

No

Each

204.0000

16

MS24694-S55

Screw

**

9-89 DAS

DEC 12 2016

Location

Loc Qty

Loc Code

ST283

204

m134376

104

m135408

100

135766

MS24694-S56

Purchased

No

Each

40.0000

4

MS24694-S56

SCREW

**

9-89 DAS

DEC 12 2016

Location

Loc Qty

Loc Code

ST283

40

m132344

40

135766

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="width:12.5%;">Skid-tube ☐</td> <td style="width:12.5%;">Cross tube ☐</td> <td style="width:12.5%;">Water Jet ☐</td> <td style="width:12.5%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																						
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																						
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																						
Large Fab ☐	Composite ☐	Supplier ☐																							
Date : _____		Step # : _____		QTY Effective : _____			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																		
Description Work Order Deviation				Disposition																					
Root Cause		FAULT CATEGORY																							
Environment ☐	☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐																			
Design ☐	☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐																			
Doc/Data ☐	☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐																			
Equip/Tooling ☐	☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐																			
Handling/Pre ☐	☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐																			
Material ☐	☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐																			
Internal Transport ☐	☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐																			
Tribal Knowledge ☐	☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐																			
LOA ☐	☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐																			
Substation ☐	☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐																			
Past Expiry Date ☐	☐	Manufacturing Process ☐	OTHER : _____																						
Misidentified ☐	☐	Past Due ☐																							

Picklist Print

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Page 4

Work Order ID: 150668

150668

Parent Item: D5238-041

D5238-041

Parent Item Name: Maintenance Step Assembly

Start Date: 8/25/2016

Required Date: 8/29/2016

Start Qty: 2.00

Required Qty: 2.00

NAS1149D0332J

Purchased

No

Each

1,104.000

24

NAS1149D0332.J

Washer

DAS
6
9-89
DEC 12 2016

Location

Loc Qty

Loc Code

CA

6

m129682

6

135672

FP001

520

m134848

520

GA

447

m135046

447

ST264

131

m135046

131

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					